PALM Intranet

Application Number [ ] Submit

IDS Flag Clearance for Application 10519143

IDS Information

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
M844	2006-02-03	18	Y ☑	2006-09-26 14:05:49.0	TFetzner

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WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Tuesday, September 26, 2006

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L67	L66 and ((slid$4 or rotary) with (switch$4))	2
☐	L66	L65 and (mercury or "Hg")	14
☐	L65	L64 and (rhodium or "rh")	204
☐	L64	L63 and (silver or "Ag")	807
☐	L63	L62 and (gold or "Au")	1494
☐	L62	L61 and (copper or "cu")	2476
☐	L61	(contact with electrical with plating)	3746
☐	L60	L56 and (Rubidium or "RB")	8
☐	L59	L58 and (Rubidium or "RB")	1
☐	L58	L57 and (mercury or "Hg")	6
☐	L57	L56 and (rhodium or "rh")	28
☐	L56	L55 and (silver or "Ag")	153
☐	L55	L54 and (copper or "cu")	311
☐	L54	L53 and ((slid$4 or rotary) with (switch$4))	784
☐	L53	L52 and (gold or "Au")	37142
☐	L52	((electrical$2) with (contact or connect$2) with (gold or silver or copper or metal or metalic$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu"))	145354
☐	L51	L50 and (gold of "Au")	0
☐	L50	L49 and (equivalent with series with resistan$2)	33
☐	L49	((semiconduct$4 or semi-conduct$4) with (contact or connection) same (coat$4 or cover$3) same (gold or silver or copper or metal or metalic$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu"))	13614
☐	L48	L47 and ((series) same (switch$4))	18
☐	L47	fetzner	324
☐	L46	L45 and ((series) same (switch$4))	10
☐	L45	L44 and (parallel)	16
☐	L44	L43 and (series)	23
☐	L43	L42 and ((contact$4 or connect$4 or link$4 or bridg$4) same (gold or silver or copper or metal or metalic$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu"))	24
☐	L42	L37 and (gold or silver or copper or metal or metalic$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu")	49

☐	L41	L40 and ((contact$4 or connect$4 or link$4 or bridg$4) same (gold or silver or copper or metal or metalic$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu"))	21
☐	L40	L39 and (gold or silver or copper or metal or metalic$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu")	45
☐	L39	L38 and (((coil or antenna or probe or winding or loop or ring or anulus or anular$2) same (capacit$4)) same (circuit$4))	70
☐	L38	L37 and (circuit$4)	84
☐	L37	L36 and L31	85
☐	L36	L35 and ((toggle or toggl$4 or movable or move or moved or moving or motion or alternat$4 or change or changeable or changing or changed or varied or variable or oscillat$4 or varying or rotat$4 or nutat$4 or flip$4 or tip$4 or twist$4 or dial$4 or rotary) same ((quiescent$3 or inactiv$3 or "off" or rest$3) same (position or state or operat$4 or mode)))	1225
☐	L35	L34 and (disconnect$4 or dis-connect$4 or remov$4 or eliminat$4)	1630
☐	L34	L20 and ((inserting or inserted or insertable or adding or added or add or includ$3 or additional) with (switch$4))	1983
☐	L33	L32 and (gold or silver or copper or metal or metalic$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu")	4
☐	L32	L31 and L29	7
☐	L31	(((324/300 |324/301 |324/302 |324/303 |324/304 |324/305 |324/306 |324/307 |324/308 |324/309 |324/310 |324/311 |324/312 |324/313 |324/314 |324/315 |324/316 |324/317 |324/318 |324/319 |324/320 |324/321 |324/322).ccls.) or ((600/407 |600/408 |600/409 |600/410 |600/411 |600/412 |600/413 |600/414 |600/415 |600/416 |600/417 |600/418 |600/419 |600/420 |600/421 |600/422 |600/423 |600/424 |600/425 |600/426 |600/427 |600/428 |600/429 |600/430 |600/431 |600/432 |600/433 |600/434 |600/435).ccls.) or ((333/219 |333/219.1 |333/219.2 |333/220 |333/221 |333/222 |333/223 |333/224 |333/225 |333/226 |333/227 |333/228 |333/229 |333/230 |333/231 |333/232 |333/233 |333/234 |333/235).ccls.) or ((335/296 |335/297 |335/298 |335/299 |335/300 |335/301 |335/302 |335/303 |335/304 |335/305 |335/306).ccls.) or ((382/128 |382/129 |382/130 |382/131).ccls.))	30166
☐	L30	L29 and (lug)	6
☐	L29	L28 and ((Multiple or "multi" or multipole or "multi-pole") same (switch$4))	189
☐	L28	L27 and ((toggle or toggl$4 or movable or move or moved or moving or motion or alternat$4 or change or changeable or changing or changed or varied or variable or oscillat$4 or varying or rotat$4 or nutat$4 or flip$4 or tip$4 or twist$4 or dial$4 or rotary) same ((quiescent$3 or inactiv$3 or "off" or rest$3) same (position or state or operat$4 or mode)))	414
☐	L27	L26 and (toggle or toggl$4 or movable or move or moved or moving or motion or alternat$4 or change or changeable or changing or changed or varied or variable or oscillat$4 or varying or rotat$4 or nutat$4 or flip$4 or tip$4 or twist$4 or dial$4 or rotary)	489
☐	L26	L24 and (((tiny or minescul$2 or small or little or minor or bit) with (gap or space or hole or distance or area or region or zone or volume)) same (position or state or operat$3 or mode))	489

☐	L25	L24 and (((tiny or minescul$4 or small or little or minor or bit) with (gap or space or hole or distance or area or region or zone or volume)) same (position or state or operat$4 or mode))	489
☐	L24	L20 and ((tiny or minescul$4 or small or little or minor or bit) with (gap or space or hole or distance or area or region or zone or volume))	896
☐	L23	L22 and (toggle or toggl$4 or movable or move or moved or moving or motion or alternat$4 or change or changeable or changing or changed or varied or variable or oscillat$4 or varying or rotat$4 or nutat$4 or flip$4 or tip$4 or twist$4 or dial$4 or rotary)	451
☐	L22	L21 and (gold or silver or copper or metal or metalic$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu")	451
☐	L21	L20 and ((tiny or minescul$4 or small or little or minor or bit) with (gap or space or hole or distance))	540
☐	L20	L19 and ((switch$4) same (contact$4 or connect$4 or link$4 or bridg$4))	2976
☐	L19	L18 and ((coil or antenna or probe or winding or loop or ring or anulus or anular$2) same (capacit$4))	3710
☐	L18	L17 and (capacit$4)	7221
☐	L17	L16 and (contact$4 or connect$4 or link$4 or bridg$4)	10957
☐	L16	L15 and (coil or antenna or probe or winding or loop or ring or anulus or anular$2)	11242
☐	L15	L14 and (switch$4)	13022
☐	L14	L13 and (((nuclear or magnetic or electron) with (resonan$2)) or NMR or MRI or ESR)	36777
☐	L13	((quiescent$3 or inactiv$3 or "off" or rest$3) same (position or state or operat$4 or mode))	2761958
☐	L12	((quiescent$4 or inactiv$4 or "off" or rest$3) same (position or state or operat$4 or mode))	2769538
☐	L11	L10 and (quiescent$4)	2
☐	L10	L4 and (switch$4)	178
☐	L9	L8 and (switch$4)	1
☐	L8	L7 and (((nuclear or magnetic or electron) with (resonan$2)) or NMR or MRI or ESR)	1
☐	L7	L4 and ((equivalent same series same resistant) same (switch$4))	85
☐	L6	L5 and ((equivalent with series with resistant) same (switch$4))	1
☐	L5	(equivalent with series with resistant)	46
☐	L4	(equivalent same series same resistant)	1641
☐	L3	L1 and (equivalent same series same resistant)	25
☐	L2	L1 and (equivalent with series with resistant)	1
☐	L1	(((nuclear or magnetic or electron) with (resonan$2)) or NMR oe ESR)	133801

END OF SEARCH HISTORY

Hit List

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 5792573 A

L67: Entry 1 of 2 File: USPT Aug 11, 1998

US-PAT-NO: 5792573
DOCUMENT-IDENTIFIER: US 5792573 A

TITLE: Rechargeable battery adapted to be attached to orthopedic device

DATE-ISSUED: August 11, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pitzen; James F.	St. Paul	MN	55133-3427	
Smith; Jeffrey D.	St. Paul	MN	55133-3427	
Alexson; Charles E.	St. Paul	MN	55133-3427	

US-CL-CURRENT: 429/97; 429/98, 429/99

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw, D

☐ 2. Document ID: US 5553675 A

L67: Entry 2 of 2 File: USPT Sep 10, 1996

US-PAT-NO: 5553675
DOCUMENT-IDENTIFIER: US 5553675 A

TITLE: Orthopedic surgical device

DATE-ISSUED: September 10, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pitzen; James F.	Maplewood	MN		
Smith; Jeffrey D.	Marine on St. Croix	MN		
Alexson; Charles E.	River Falls	WI		

US-CL-CURRENT: 173/217; 310/50

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw, D

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Term	Documents
ROTARY	1218941
ROTARIES	290
ROTARYS	7
SLID$4	0
SLID	387962
SLIDA	12832
SLIDAA	4
SLIDAAE	2
SLIDAAIY	1
SLIDAAL	6
SLIDAALE	89
(L66 AND ((SLID$4 OR ROTARY) WITH (SWITCH$4))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

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L58: Entry 2 of 6 File: USPT Aug 11, 1998

DOCUMENT-IDENTIFIER: US 5792573 A
TITLE: Rechargeable battery adapted to be attached to orthopedic device

Detailed Description Text (18):
The battery terminals 39 may be constructed from any suitable material appropriate for use to construct orthopedic surgical tools. For example, the battery terminals may be constructed from copper, brass, bronze, beryllium copper, stainless steel, steel and aluminum. One or more platings may be present to enhance the electrical conducting and corrosion resisting properties of the battery terminals 39. Examples of such platings include, but are not limited to copper, nickel, gold, silver, tin, electroless nickel, rhodium, sulfamate, nickel, cadmium and zinc.

Detailed Description Text (27):
The cells 32 are enclosed in an autoclave proof (saturated steam @ 280 degrees Fahrenheit, @ 30 pounds per square inch, and vacuum @ 26 inches of mercury) housing or casing 31. The casing 31 preferably is designed to withstand other sterilization techniques and remain suitable to protect the battery cells 32. The casing 31 includes a poppet or umbrella valve 8 (e.g. the #VL2491-102 Vernay valve generally available from Vernay of Calif.) to relieve any pressure, such as pressure generated by the cells 32. Optionally, the battery housing 31 may include a power terminal (not shown) for a power cord so that the drive assembly 10 may be powered without discharging the cells 32.

Detailed Description Text (30):
The battery 30 shown in FIGS. 1-7, 9 and 10 comprises the battery housing or casing 31, and a pair of battery contacts 33, one of which is an electrically positive terminal, the other of which is an electrically negative terminal. The battery contacts 33 comprise thin, arcuate contact members. The arcuate contact members 33 are connected at one end to the housing 31 and are in electrical communication with the cells 32 (which are connected in series by electrically conductive strips). The other end of the contact members 33 is free to float along the top of the casing 31. Preferably, the contacts 33 are constructed from a flexible, resilient electrically conductive material, such as a material selected from the group comprising copper, brass, bronze, beryllium copper, nickel, stainless steel, aluminum or steel. Optionally, one or more materials may be plated to the contacts to enhance their performance and corrosion resistance. Plating materials include, but are not limited to gold, copper, nickel, silver, tin, electroless nickel rhodium, sulfamate nickel, cadmium and/or zinc. The shape of the arcuate contact/members 33 afford their resilient deflection in a direction substantially parallel to the axis H of the handle portion 6 of the housing upon abutment with the battery terminals 39.

Detailed Description Text (39):
The battery contacts 33A are constructed from a flexible, resilient, electrically conductive material. Any of the materials and platings mentioned above for use in constructing the battery contacts 33 may be used to construct the battery contacts 33A. Particular examples include beryllium copper, Brush Wellman alloy 25, 0.0159 (26 Ga) thick, 1/4 H temper, or equivalent UNS No. C17200, (ASTM temper TD01) heat treated 2 hours @ 600 degrees fahrenheit (ASTM TH01), R/C 38-43. As an example not intended to be limiting, the contacts 33A may have an overall height in FIG. 14 of

about 0.17 inches, a overall length (FIG. 13) of about 1.44 inches and an overall width of approximately 0.32 inches.

Detailed Description Text (51):
As a portion of the electrical circuit means mentioned above, the drive assembly 10 also includes a convenient rotary switch means, operated by ribbed member 72 on the proximal end 1 of the drive housing 4 opposite drive member 18, for causing the motor 12 to rotate the drive member 18 either in forward or reverse (clockwise or counterclockwise) directions, or to prevent any rotation by the motor 12 even when the trigger 40 is moved to its inner position. Indicia 73 indicate when the device is in the forward, reverse or stop modes.

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20060091886 A1

L58: Entry 1 of 6 File: PGPB May 4, 2006

PGPUB-DOCUMENT-NUMBER: 20060091886
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060091886 A1

TITLE: Low esr switch for nuclear resonance measurements

PUBLICATION-DATE: May 4, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Flexman; John Harold	Western Australia		AU
Aitken; Christopher Norman	Western Australia		AU

US-CL-CURRENT: 324/322

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 2. Document ID: US 5792573 A

L58: Entry 2 of 6 File: USPT Aug 11, 1998

US-PAT-NO: 5792573
DOCUMENT-IDENTIFIER: US 5792573 A

TITLE: Rechargeable battery adapted to be attached to orthopedic device

DATE-ISSUED: August 11, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pitzen; James F.	St. Paul	MN	55133-3427	
Smith; Jeffrey D.	St. Paul	MN	55133-3427	
Alexson; Charles E.	St. Paul	MN	55133-3427	

US-CL-CURRENT: 429/97; 429/98, 429/99

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw D

☐ 3. Document ID: US 5553675 A

L58: Entry 3 of 6 File: USPT Sep 10, 1996

US-PAT-NO: 5553675
DOCUMENT-IDENTIFIER: US 5553675 A

TITLE: Orthopedic surgical device

DATE-ISSUED: September 10, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pitzen; James F.	Maplewood	MN		
Smith; Jeffrey D.	Marine on St. Croix	MN		
Alexson; Charles E.	River Falls	WI		

US-CL-CURRENT: 173/217; 310/50

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D

☐ 4. Document ID: US 4748761 A

L58: Entry 4 of 6 File: USPT Jun 7, 1988

US-PAT-NO: 4748761
DOCUMENT-IDENTIFIER: US 4748761 A

TITLE: Fishing float

DATE-ISSUED: June 7, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Machovina; William J.	Strongsville	OH	44136	

US-CL-CURRENT: 43/17; 43/17.5

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D

☐ 5. Document ID: US 2658946 A

L58: Entry 5 of 6 File: USOC Nov 10, 1953

US-PAT-NO: 2658946
DOCUMENT-IDENTIFIER: US 2658946 A

TITLE: Code keying system

DATE-ISSUED: November 10, 1953

INVENTOR-NAME: JOHN KAYE

US-CL-CURRENT: 178/82A; 178/17R

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw D

☐ 6. Document ID: US 1780148 A

L58: Entry 6 of 6 File: USOC Oct 28, 1930

US-PAT-NO: 1780148
DOCUMENT-IDENTIFIER: US 1780148 A

TITLE: Method of and apparatus for control of train movements

DATE-ISSUED: October 28, 1930

INVENTOR-NAME: SPRAGUE FRANK J

US-CL-CURRENT: 246/63A; 200/8R, 246/182R, 246/183, 246/190

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw D

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Term	Documents
MERCURY	211333
MERCURIES	45
MERCURYS	16
HG	144948
HGS	7043
(57 AND (HG OR MERCURY)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	6
(L57 AND (MERCURY OR "HG")).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	6

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